BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

First and Final Bill

NAME OF WORK :Improvements and re Asphalting pipe line SM Road to S Ramesh Road in ward no 15

E Measurement Book

JOB CODE NO : 015-20-000108

Estmate cost : Rs 40.00 Lakhs

Name of work :- Improvements and re Asphalting pipe line S M road to S.Ramesh road in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Removing and refixing stone slabs of drains and pointing in CM 1;3						
	Pampa Mahakavi Road						
	From Ramesh Road						
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	20.00	0.90		18.00	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	5.00	0.90		4.50	
				Present Quantity		**346.50**	Sqm

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
Dasarahalli Sub division
BBMP Bangalore

Name of work :- Improvements and re asphalting pipe line SM Road to S.Ramesh Road in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Earth work excavation by manual means for roads , drains & similar works in ordinary soil involving ,excavated surface levelled &neatly dressed , the disposed earth to be levelled after breaking of clods complete as per specifications.						
	Desilting of drain						
	Pampa Mahakavi Road						
	From Ramesh Road						
	LHS	1	30.00	0.60	0.40	7.20	
		1	4.00	0.60	0.40	0.96	
	RHS	1	30.00	0.60	0.40	7.20	
		1	4.00	0.60	0.40	0.96	
	LHS	1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	6.00	0.60	0.50	1.80	
	RHS	1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
		1	30.00	0.60	0.50	9.00	
	5 th Cross	1	30.00	0.60	0.40	7.20	
	LHS	1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.35	6.30	
		1	25.00	0.60	0.35	5.25	
	RHS	1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
		1	25.00	0.60	0.35	5.25	
	1 st Cross						

	LHS	1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
	RHS	1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.45	8.10	
		1	30.00	0.60	0.40	7.20	
	2nd Cross						
	LHS	1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
	RHS	1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
		1	30.00	0.60	0.40	7.20	
	Main Road	1	30.00	0.75	0.50	11.25	
		1	12.00	0.75	0.50	4.50	
		1	30.00	0.75	0.50	11.25	
		1	11.00	0.75	0.50	4.13	
		1	30.00	0.75	0.50	11.25	
		1	12.00	0.75	0.50	4.50	
		1	30.00	0.75	0.50	11.25	
		1	11.00	0.75	0.50	4.13	
	Removel of Road side debris						
	Pampa Mahakavi Road	4	6.00	0.65	0.35	5.46	
		5	5.00	0.70	0.40	7.00	
		3	4.50	0.60	0.45	3.65	
		5	3.50	0.75	0.35	4.59	
	1 st Cross	1	6.50	0.45	0.35	1.02	
		3	5.50	0.50	0.40	3.30	
		6	5.00	0.75	0.50	11.25	
		4	3.00	0.75	0.35	3.15	
	2 nd Cross	1	6.50	0.70	0.35	1.59	
		3	5.50	0.70	0.40	4.62	

		6	5.00	0.75	0.50	11.25	
		4	3.00	0.75	0.35	3.15	
		3	1.50	1.00	0.45	2.03	
		2	6.50	0.70	0.50	4.55	
		6	3.10	0.80	0.35	5.21	
		2	4.50	0.50	0.45	2.03	
				Present Quantity		**529.21**	
				Payable Quantity		**529.21**	**Cum**

Assistant Engineer
Ward NO-15
BBMP Bangalore

18/03/22 to 28/03/22

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Name of work :- Improvements and re asphalting pipe line SM Road to S.Ramesh Road in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	Providing and laying in position plain cement concrete of mix 1:2:4 with opc cement @240 kgs with 20 mm and down size graded granite metal course aggregates @0.69 cum and fine aggregates @0.459 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted for coping including cost of materials.labour HOM of machinery etc complete as per specifications (P-13,I-4.6 OF PWD SR 2018-19)						
	Desilting of drain						
	Pampa Mahakavi Road						
	From Ramesh Road						
	RHS	1	30.00	0.60	0.15	2.70	
		1	4.00	0.60	0.15	0.36	
	LHS	1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	6.00	0.60	0.15	0.54	
	RHS	1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
	LHS	1	29.00	0.60	0.15	2.61	
	RHS	1	29.00	0.60	0.15	2.61	
	For side wall						
	Pampa Mahakavi Road						
	From Ramesh Road						
	RHS	2	30.00	0.15	0.15	1.35	
		2	2.00	0.15	0.15	0.09	
	LHS	2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	

		2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
		2	6.00	0.15	0.15	0.27	
	RHS	2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
		2	30.00	0.15	0.15	1.35	
	LHS	2	29.00	0.15	0.15	1.31	
	RHS	2	29.00	0.15	0.15	1.31	
	5 th Cross	1	30.00	0.50	0.15	2.25	
	LHS	1	30.00	0.50	0.15	2.25	
				Present Quantity		**82.44**	
				Payable Quantity		**82.44**	**Cum**

08/04/22 to 11/04/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
Dasarahalli Sub division
BBMP Bangalore

Name of work :- Improvements and re asphalting pipe line SM Road to S.Ramesh Road in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	Providing and fixing RCC Precast Slabs of 0.10 m thick of CC M 20 with 20 mm and down size graded granite metal machine mixed including cost of all material, labour HOM of Machinary, curing complete						
	Pampa Mahakavi Road						
	From Ramesh Road						
	Missing Slabs						
	LHS	30	0.60	0.90		16.20	
	RHS	45	0.60	0.90		24.30	
	5 th Cross						
	LHS	25	0.60	0.90		13.50	
	RHS	30	0.60	0.90		16.20	
	1 st Cross						
	LHS	45	0.60	0.75		20.25	
	RHS	35	0.60	0.75		15.75	
	2nd Cross						
	LHS	30	0.60	0.75		13.50	
	RHS	25	0.60	0.75		11.25	
	Main Road						
	LHS	12	0.60	0.90		6.48	
	RHS	20	0.60	0.90		10.80	
				Present Quantity		**148.23**	Sqm

11/05/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Name of work :- Improvements and re asphalting pipe line SM Road to S.Ramesh Road in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	Providing and fixing Precast solid Concrete Kerb stones made out of No;272.21 CC 1;2;4 and finished with CM 1;3 plastering and finishing etc Complete as per specifications						
	5 th Cross						
	LHS	1	85.00			85.00	
	RHS	1	110.00			110.00	
	Ramesh Road						
	LHS	1	470.00			470.00	
		1	465.00			465.00	
					Present Quantity	**1130.00**	
					Payable Quantity	**1130.00**	**Nos**

18/05/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

18/05/22

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Name of work :- Improvements and re asphalting pipe line SM Road to S.Ramesh Road in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	Providing and applying spray painting in two coats over concrete/masonry/ asbestos cement sheet / plastered surface including preparing the surface after thoroughly brooming of oil ,grease, dirt and other foreign matter etc complete as per						
	5 th Cross	1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
	RHS	1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
	Ramesh Road						
	LHS	1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	6.00		0.35	2.10	
	RHS	1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	

		1	6.00		0.35	2.10	
				Present Quantity		**340.20**	
				Payable Quantity		**340.20**	**Sqm**

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Name of work :- Improvements and re asphalting pipe line SM Road to S.Ramesh Road in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
7	Providing and applying spray painting in two coats(excluding primer coat) over concrete/masonry/ asbestos cement sheet / plastered surface including preparing the surface with flat wall paint of approved brand to give an even shade after cleaning						
	5 th Cross LHS	1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
	RHS	1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
	Ramesh Road						
	LHS	1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	6.00		0.35	2.10	
	RHS	1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	
		1	30.00		0.35	10.50	

		1	30.00	0.35	10.50	
		1	6.00	0.35	2.10	
				Present Quantity	**340.20**	
				Payable Quantity	**340.20**	**Sqm**

18/05/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

18/05/22

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Name of work :- Improvements and re asphalting pipe line SM Road to S.Ramesh Road in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.155 I.No.20.18)						
	Pampa Mahakavi Road						
	From Ramesh Road						
	RHS	2	30.00	0.90	0.15	8.10	
		2	4.00	0.90	0.15	1.08	
	LHS	2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	6.00	0.90	0.15	1.62	
	RHS	2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	30.00	0.90	0.15	8.10	
		2	6.00	0.90	0.15	1.62	
	5 th Cross						
	LHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	25.00	0.90	0.15	3.38	
	RHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	

		1	25.00	0.90	0.15	3.38	
				Present Quantity		173.07	
				Payable Quantity		**165.00**	Cum

Assistant Engineer
Ward NO-15
BBMP Bangalore

18/04/22
to
23/04/22

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Name of work :- Improvements and re asphalting pipe line SM Road to S.Ramesh Road in Dasarahalli ward no 15

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	Providing and applying primer coat with bitumin emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.60 kg/ sqm using mechanical means complete as per specifications						
	Pampa Mahakavi Road						
	From Ramesh Road						
	RHS	2	30.00	0.90		54.00	
		2	4.00	0.90		7.20	
	LHS	2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	6.00	0.90		10.80	
	RHS	2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	
		2	6.00	0.90		10.80	
	5 th Cross						
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	25.00	0.90		22.50	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	25.00	0.90		22.50	
				Present Quantity		1153.80	
				Payable Quantity		**1100.00**	Sqm

04/05/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
Dasarahalli Sub division
BBMP Bangalore

Name of work :- Improvements and re asphalting pipe line SM Road to S.Ramesh Road in Dasarahalli ward no 15

Pre measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
10	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No.161 I.No.21.17.6) Issue Basic						
	Pampa Mahakavi Road						
	From Ramesh Road						
	RHS	2	30.00	0.90	0.05	2.70	
		2	4.00	0.90	0.05	0.36	
	LHS	2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	6.00	0.90	0.05	0.54	
	RHS	2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	6.00	0.90	0.05	0.54	
	LHS	1	29.00	0.90	0.05	1.31	
	RHS	1	29.00	0.90	0.05	1.31	
	5 th Cross						
	LHS	2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	25.00	0.90	0.05	2.25	
	RHS	2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	
		2	30.00	0.90	0.05	2.70	

		2	25.00	0.90	0.05	2.25	
				Present Quantity		70.65	Cum

Assistant Engineer
Ward NO-15
BBMP Bangalore

04/05/22

Assistant Executive Engineer
Dasara Halli Sub division
BBMP Bangalore

04/05/22

Name of work :- Improvements and re asphalting pipeline SM Road to S.Ramesh road in Dasarahalli ward no 15

Item No	Pre measurement recorded on: / Discription of Item	No	Length	B1	B2	Average	Depth	Qty	Unit
11	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.								
	Pampa Mahakavi Road								
	From Ramesh Road								
	Approach	1	1.80	5.20	4.80	5.00		9.00	
	0.00-28.50	1	28.50	4.15	4.30	4.23		120.41	
	28.50-34.50	1	6.00	3.60	4.00	3.80		22.80	
	0.00-16.00	1	16.00	4.70	5.00	4.85		77.60	
	16.00-32.00	1	16.00	5.00	5.20	5.10		81.60	
	32.00-46.00	1	14.00	5.20	6.00	5.60		78.40	
	46.00-77.20	1	30.00	6.00	5.80	5.90		177.00	
	77.20-107.20	1	30.00	5.80	5.60	5.70		171.00	
	107.20-125.20	1	18.00	5.60	5.90	5.75		103.50	
	125.20-155.20	1	30.00	5.10	6.00	5.55		166.50	
	155.20-185.20	1	30.00	6.00	5.10	5.55		166.50	
	185.20-215.20	1	30.00	5.10	4.60	4.85		145.50	
	215.20-246.20	1	31.00	4.60	4.50	4.55		141.05	
	From Anjaneya swamy Temple to Ramesh Road	1	9.50	4.40	3.80	4.10		38.95	
		1	5.50	3.00	3.00	3.00		16.50	
		1	14.00	3.60	4.30	3.95		55.30	
	5 th Cross					0.00		0.00	
	Approach	1	3.00	6.30	4.60	5.45		16.35	
	0.00-30.00	1	30.00	4.60	4.00	4.30		129.00	
	30.00-34.50	1	4.50	4.00	4.70	4.35		19.58	
	34.50-64.50	1	30.00	4.90	4.60	4.75		142.50	
	64.50-94.50	1	30.00	4.60	5.00	4.80		144.00	
	94.5-108.50	1	14.00	5.00	6.00	5.50		77.00	
	108.50-120.10	1	11.60	6.00	7.20	6.60		76.56	
	1 th Cross					0.00		0.00	
	0.00-15.00	1	15.00	4.30	3.70	4.00		60.00	
	15.00-30.00	1	15.00	3.70	4.05	3.88		58.13	
	30.00-45.00	1	15.00	4.05	4.15	4.10		61.50	
	45.00-60.00	1	15.00	4.15	3.20	3.68		55.13	
	60.00-73.00	1	13.00	3.20	3.60	3.40		44.20	
	73.00-79.40	1	6.40	3.60	2.60	3.10		19.84	
	79.40-94.40	1	15.00	3.30	3.70	3.50		52.50	

94.40-109.40	1	25.00	3.70	3.60	3.65		91.25	
109.40-124.40	1	25.00	3.60	3.60	3.60		90.00	
124.40-139.40	1	25.00	3.60	4.20	3.90		97.50	
139.40-154.40	1	25.00	4.20	4.10	4.15		103.75	
154.40-169.40	1	25.00	4.10	4.45	4.28		106.88	
169.40-184.40	1	25.00	4.45	4.15	4.30		107.50	
184.40-196.60	1	12.20	4.15	4.50	4.33		52.77	
Main Road					0.00		0.00	
0.00-15.00	1	15.00	6.60	5.90	6.25		93.75	
15.00-30.00	1	15.00	5.90	6.00	5.95		89.25	
30.00-38.00	1	8.00	6.00	6.20	6.10		48.80	
Main Road					0.00		0.00	
0.00-15.00	1	15.00	6.00	6.00	6.00		90.00	
15.00-30.00	1	15.00	6.00	5.90	5.95		89.25	
30.00-38.00	1	10.30	5.90	6.00	5.95		61.29	
2nd Cross					0.00		0.00	
From main Road					0.00		0.00	
	1	13.70	4.60	4.40	4.50		61.65	
			CC Road Gap					
	1	14.20	3.10	3.60	3.35		47.57	
	1	7.00	3.20	3.00	3.10		21.70	
	1	15.00	3.20	3.50	3.35		50.25	
	1	13.00	3.50	4.00	3.75		48.75	
	1	5.80	4.00	3.60	3.80		22.04	
	1	15.00	3.60	3.50	3.55		53.25	
	1	16.70	3.50	2.80	3.15		52.61	
	1	15.00	3.60	3.85	3.73		55.88	
	1	10.90	3.85	4.10	3.98		43.33	
	0.50	2.70	1.70				2.30	
Cross Road	0.50	4.50	1.70				3.83	
	1	16.20	4.50	5.00	4.75		76.95	
Deductions of Manholes	-60	3.14	0.20				-37.70	
BESCOM Chambers	-10	1.20	1.00				-12.00	
			Present Quantity				4140.25	
			Payable Quantity				**4125.00**	Sqm

04/05/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engine
Dasara halli Sub division
BBMP Bangalore

Name of work :- Improvements and re asphalting pipeline SM Road to S.Ramesh road in Dasarahalli ward no 15

Pre measurement recorded on:

Item No	Discription of Item	No	Length	B1	B2	Average	Depth	Qty	Unit
12	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 complete in all respects complete as per specifications. - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % CRMB								
	Pampa Mahakavi								
	From Ramesh Road								
	Approach	1	1.80	5.20	4.80	5.00	0.04	0.36	
	0.00-28.50	1	28.50	4.15	4.30	4.23	0.04	4.82	
	28.50-34.50	1	6.00	3.60	4.00	3.80	0.04	0.91	
	0.00-16.00	1	16.00	4.70	5.00	4.85	0.04	3.10	
	16.00-32.00	1	16.00	5.00	5.20	5.10	0.04	3.26	
	32.00-46.00	1	14.00	5.20	6.00	5.60	0.04	3.14	
	46.00-77.20	1	30.00	6.00	5.80	5.90	0.04	7.08	
	77.20-107.20	1	30.00	5.80	5.60	5.70	0.04	6.84	
	107.20-125.20	1	18.00	5.60	5.90	5.75	0.04	4.14	
	125.20-155.20	1	30.00	5.10	6.00	5.55	0.04	6.66	
	155.20-185.20	1	30.00	6.00	5.10	5.55	0.04	6.66	
	185.20-215.20	1	30.00	5.10	4.60	4.85	0.04	5.82	
	215.20-246.20	1	31.00	4.60	4.50	4.55	0.04	5.64	
	From Anjaneya swamy Temple to Ramesh	1	9.50	4.40	3.80	4.10	0.04	1.56	
		1	5.50	3.00	3.00	3.00	0.04	0.66	
		1	14.00	3.60	4.30	3.95	0.04	2.21	
						0.00	0.04	0.00	
	5 th Cross								
	Approach	1	3.00	6.30	4.60	5.45	0.04	0.65	
	0.00-30.00	1	30.00	4.60	4.00	4.30	0.04	5.16	
	30.00-34.50	1	4.50	4.00	4.70	4.35	0.04	0.78	
	34.50-64.50	1	30.00	4.90	4.60	4.75	0.04	5.70	
	64.50-94.50	1	30.00	4.60	5.00	4.80	0.04	5.76	
	94.50-108.50	1	14.00	5.00	6.00	5.50	0.04	3.08	
	108.50-120.10	1	11.60	6.00	7.20	6.60	0.04	3.06	
						0.00	0.04	0.00	
	1 th Cross								
	0.00-15.00	1	15.00	4.30	3.70	4.00	0.04	2.40	
	15.00-30.00	1	15.00	3.70	4.05	3.88	0.04	2.33	
	30.00-45.00	1	15.00	4.05	4.15	4.10	0.04	2.46	
	45.00-60.00	1	15.00	4.15	3.20	3.68	0.04	2.21	
	60.00-73.00	1	13.00	3.20	3.60	3.40	0.04	1.77	

73.00-79.40	1	6.40	3.60	2.60	3.10	0.04	0.79	
79.40-94.40	1	15.00	3.30	3.70	3.50	0.04	2.10	
94.40-109.40	1	25.00	3.70	3.60	3.65	0.04	3.65	
109.40-124.40	1	25.00	3.60	3.60	3.60	0.04	3.60	
124.40-139.40	1	25.00	3.60	4.20	3.90	0.04	3.90	
139.40-154.40	1	25.00	4.20	4.10	4.15	0.04	4.15	
154.40-169.40	1	25.00	4.10	4.45	4.28	0.04	4.28	
169.40-184.40	1	25.00	4.45	4.15	4.30	0.04	4.30	
184.40-196.60	1	12.20	4.15	4.50	4.33	0.04	2.11	
Main Road					0.00	0.04	0.00	
0.00-15.00	1	15.00	6.60	5.90	6.25	0.04	3.75	
15.00-30.00	1	15.00	5.90	6.00	5.95	0.04	3.57	
30.00-38.00	1	8.00	6.00	6.20	6.10	0.04	1.95	
Main Road					0.00	0.04	0.00	
0.00-15.00	1	15.00	6.00	6.00	6.00	0.04	3.60	
15.00-30.00	1	15.00	6.00	5.90	5.95	0.04	3.57	
30.00-38.00	1	10.30	5.90	6.00	5.95	0.04	2.45	
2nd Cross					0.00	0.04	0.00	
From main Road					0.00	0.04	0.00	
	1	13.70	4.60	4.40	4.50	0.04	2.47	
			CC Road Gap					
	1	14.20	3.10	3.60	3.35	0.04	1.90	
	1	7.00	3.20	3.00	3.10	0.04	0.87	
	1	15.00	3.20	3.50	3.35	0.04	2.01	
	1	13.00	3.50	4.00	3.75	0.04	1.95	
	1	5.80	4.00	3.60	3.80	0.04	0.88	
	1	15.00	3.60	3.50	3.55	0.04	2.13	
	1	16.70	3.50	2.80	3.15	0.04	2.10	
	1	15.00	3.60	3.85	3.73	0.04	2.24	
	1	10.90	3.85	4.10	3.98	0.04	1.73	
	0.50	2.70	1.70			0.04	0.09	
Cross Road	0.50	4.50	1.70			0.04	0.15	
	1	16.20	4.50	5.00	4.75	0.04	3.08	
Deduction of Manholes	-60	3.14	0.20			0.04	-1.51	
BESCOM Chambers	-10	1.20	1.00			0.04	-0.48	
			Present Quantity				165.61	
			PaayableQuantity				**165.00**	Cum

04/05/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
	RHS	1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
	2nd Cross						
	LHS	1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
	RHS	1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
		1	30.00	0.10		3.00	
				Present Quantity		141.20	
				Payable Quantity		**110.00**	Sqm

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
Dasara hall Sub division
BBMP Bangalore

Name of work :- Improvements and re asphalting pipe line SM Road to S.Ramesh Road in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
14	Loading and un loading of stone boulders /stoneaggregates/sand/ kanker /murrum placing in tipper at loading point loading wiyh front end loader dumping turning for return trip etc complete as per specification						
	Quantity as Item No;2					529.21	
				Present Quantity		529.21	
				Payable Quantity		**418.00**	Cum

12/05/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

12/05/22

Assistant Executive Engineer
Dasara hall Sub division
BBMP Bangalore